



PRODUCT DATA

Brand Name: EZ® CUBED 3200 FINE

Description: A low cement, 75% alumina castable with a maximum service temperature of 3200°F. This castable can be used in a wide variety of refractory applications. The product can be installed by vibration casting, pumping, and shotcreting methods.

Physical properties shown are average values of samples taken under controlled conditions
ASTM test methods used where applicable

Maximum Service Temperature: 3200°F (1760°C)

Dry Material Required per Cubic Foot : 160 lbs. (approximate)

Recommended Mixing Time: 5 minutes

Typical Water Required for Mixing (by weight) :

Vibration Casting 5.5%
Pumping/Self Leveling 6.4%

Self Leveling Data

Bulk Density (pcf)

After 220°F (105°C)	158	(2.53 g/cm ³)
After 1500°F (815°C)	143	(2.29 g/cm ³)

Cold Crushing Strength (psi)

After 220°F (105°C)	5000 - 11000	(350 - 770 kg/cm ²)
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Permanent Linear Change (%)

After 1500°F (815°C)	0.0 to -0.3
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Thermal Conductivity (K Factor)

Mean Temperature	BTU/ft ² /hr./°F/inch	W/mK
1000°F (540°C)	18.2	2.62
1500°F (815°C)	18.8	2.71
2000°F (1093°C)	17.0	2.45

Typical Chemical Analysis (%)

(Calcined Basis)

Alumina (Al ₂ O ₃)	70.2
Silica (SiO ₂)	24.5
Iron Oxide (Fe ₂ O ₃)	1.0
Lime (CaO)	1.6
Titania (TiO ₂)	2.4
Magnesia (MgO)	0.1
Alkalis (Na ₂ O+K ₂ O)	0.2

Standard Packaging: 55 lb bag. 72 bags per pallet. Bulk packaging available.

Brand Code: 1070

The properties shown on this data sheet represent typical average results using standard ASTM test methods (unless otherwise noted) conducted under controlled condition (using standard rectangular shapes), and should not be considered to be guaranteed specifications. Properties are subject to normal manufacturing statistical standard deviation ranges, and Resco Products, Inc. reserves the right to modify the properties and specifications at any time without prior notice.

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